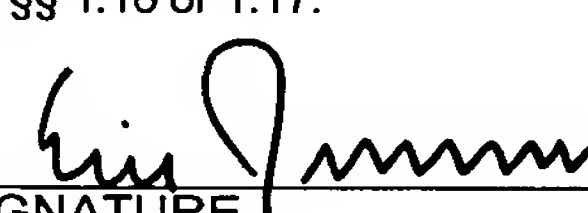


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| TRANSMITTAL LETTER TO THE UNITED STATES<br>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br>CONCERNING A FILING UNDER 35 U.S.C. 371  |  | Attorney Docket No.<br><b>1510-1112</b>        |
| INTERNATIONAL APPLN. NO.<br><b>PCT/SE2004/000439</b>  |  | U.S. Application No.<br><b>10/550199</b>       |
| INTERNATIONAL FILING DATE<br><b>March 22, 2004</b>  |  | PRIORITY DATE CLAIMED<br><b>March 21, 2003</b> |
| TITLE OF INVENTION: <b>ELECTRICAL CONNECTIONS IN SUBSTRATES</b>   |  |  |
| APPLICANT(S) FOR DO/EO/US: <b>Edvard KÄLVESTEN, Thorbjörn EBEFORS, Niklas SVEDIN, Pelle RANGSTEN, Tommy HUHTAOJA</b>  |  |  |
| Applicant herewith submits to the United States Designated Elected Office (DO/EO/US) the following items and other information:   |  |  |
| <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)).<br/>The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))           <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau. See attached PCT/IB/308.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made, however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4))</li> <li>10. <input type="checkbox"/> A Declaration of Inventorship for purposes of U.S.A. designation pursuant to rule 4.17(iv. ))</li> <li>11. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p><b>Items 11 to 20 below concern document(s) or information included:</b></p> <ol style="list-style-type: none"> <li>12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS) w/PTO-1449 - <input checked="" type="checkbox"/> Copy of IDS citations.</li> <li>13. <input type="checkbox"/> Assignment Papers (cover sheet &amp; document(s)).</li> <li>14. <input checked="" type="checkbox"/> A preliminary amendment.</li> <li>15. <input checked="" type="checkbox"/> An Application Data Sheet under 37 C.F.R. 1.76.</li> <li>16. <input checked="" type="checkbox"/> Itemized Return Receipt Postcard</li> <li>17. <input type="checkbox"/> A substitute specification.</li> <li>18. <input type="checkbox"/> Power of Attorney and Statement under 37 CFR §3.73(b)           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> Newly executed Power of Attorney</li> <li>b. <input type="checkbox"/> A change of Power of Attorney and/or change of address letter.</li> </ol> </li> <li>19. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</li> <li>20. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>21. <input type="checkbox"/> A second copy of the English language translation of the international application (35 U.S.C. 154(d)(4)).</li> <li>22. <input checked="" type="checkbox"/> Other items or information: <b><u>International Search Report</u></b></li> </ol> <p><b><u>Annexes to the International Preliminary Examination Report Amended Sheets (1)</u></b></p> |  |  |

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| U.S. APPLICATION NO.<br><b>10/550199</b>  |  | INTERNATIONAL APPLN. NO.<br>PCT/SE2004/000439                   |  | ATTORNEY DOCKET NO.<br>1510-1112    |                 |
| <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.<br><input checked="" type="checkbox"/> The following fees are submitted:   |  |   |  | <b>CALCULATIONS</b><br>PTO USE ONLY |                 |
| <b>PCT FEES - NATIONAL STAGE</b>  |  |   |  |                                     |                 |
| <u>Fee Description</u>  |  |   |  |                                     |                 |
| Basic National Stage Fee  |  |   |  | \$150.00                            |                 |
| Non ISA/US Search Provided  |  | National Stage Search Fee                                       |  | \$200.00                            |                 |
| <input type="checkbox"/> US was the IPEA And all claims satisfied the provisions of PCT Article 33 (1)-(4)  |  | National Stage Examination Fee                                  |  | \$100.00                            |                 |
| Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20- <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (Fee Code 1617/2617)   |  |   |  | \$65.00                             |                 |
| National Stage Application size fee each additional 50 sheets in excess of 100<br>Fee Code 1681/2681  |  | Additional Sheets<br>32 - 100 = <u>0</u> = <u>0</u> X <u>50</u> |  | Fee From Below<br><b>\$125.00</b>   | \$0.00          |
| <b>CLAIMS</b>   |  | NUMBER FILED  | NUMBER EXTRA   | RATE                                |                 |
| Independent Claims Fee Codes 1614 / 2614  |  | 6 - 3 =   | 3  | x \$100.00                          | \$300.00        |
| Total Claims Fee Codes 1615 / 2615  |  | 25 - 20 =   | 5  | x \$25.00                           | \$125.00        |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) Fee Code 1616 / 2616  |  |   |  | + \$360.00                          | \$0.00          |
| Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)). Fee Code 1618  |  |   |  | \$0.00                              |                 |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). (Fee code 8021)<br>\$40.00 per property +   |  |   |  | \$0.00                              |                 |
| <b>TOTAL FEES ENCLOSED</b>  |  |   |  | <b>=</b>                            | <b>\$940.00</b> |
|   |  |   |  | Amount to be refunded:              | \$              |
|   |  |   |  | Charged:                            | \$              |
| <input checked="" type="checkbox"/> A check in the amount of <b>\$940.00</b> to cover the above fees is attached.<br><input type="checkbox"/> The Director is hereby authorized to charge indicated fees and credit any overpayment to Deposit Account No. 25-0120 in the name of Young & Thompson. A duplicate copy of this sheet is enclosed.<br><input checked="" type="checkbox"/> The Director is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 25-0120 for any additional fee required under 37 C.F.R. §§ 1.16 or 1.17. |  |   |  |                                     |                 |
| SEND ALL CORRESPONDENCE TO:<br>YOUNG & THOMPSON<br>745 South 23 <sup>rd</sup> Street<br>Arlington, VA 22202<br>Telephone: (703) 521-2297<br>Facsimile: (703) 685-0573   |  |   | <br>SIGNATURE |                                     |                 |
| Y&T Customer No. <b>00466</b><br>EJ/lpp   |  |   | Eric Jensen, Reg. No. 37,855<br>NAME, REGISTRATION NUMBER  |                                     |                 |
|   |  |   | September 21, 2005<br>DATE   |                                     |                 |

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J. Jensen  
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